

**ABSTRACT**

[0032] This invention relates to an aerator apparatus having a plurality of porous tubes coupled to a blower. The blower forces air through the porous tubing into a mixing chamber. A propeller propels water into the mixing chamber. Air and water are mixed in the mixing chamber. The result being a highly oxygenated liquid, such as water. This invention also relates to a method to use the aerator apparatus attached to a floatable frame to diffuse a gas into a liquid. This invention also relates to a system for efficiently aerating a pond or column of water wherein a bubble generator is enclosed in a removable housing.

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